

FIG. 1

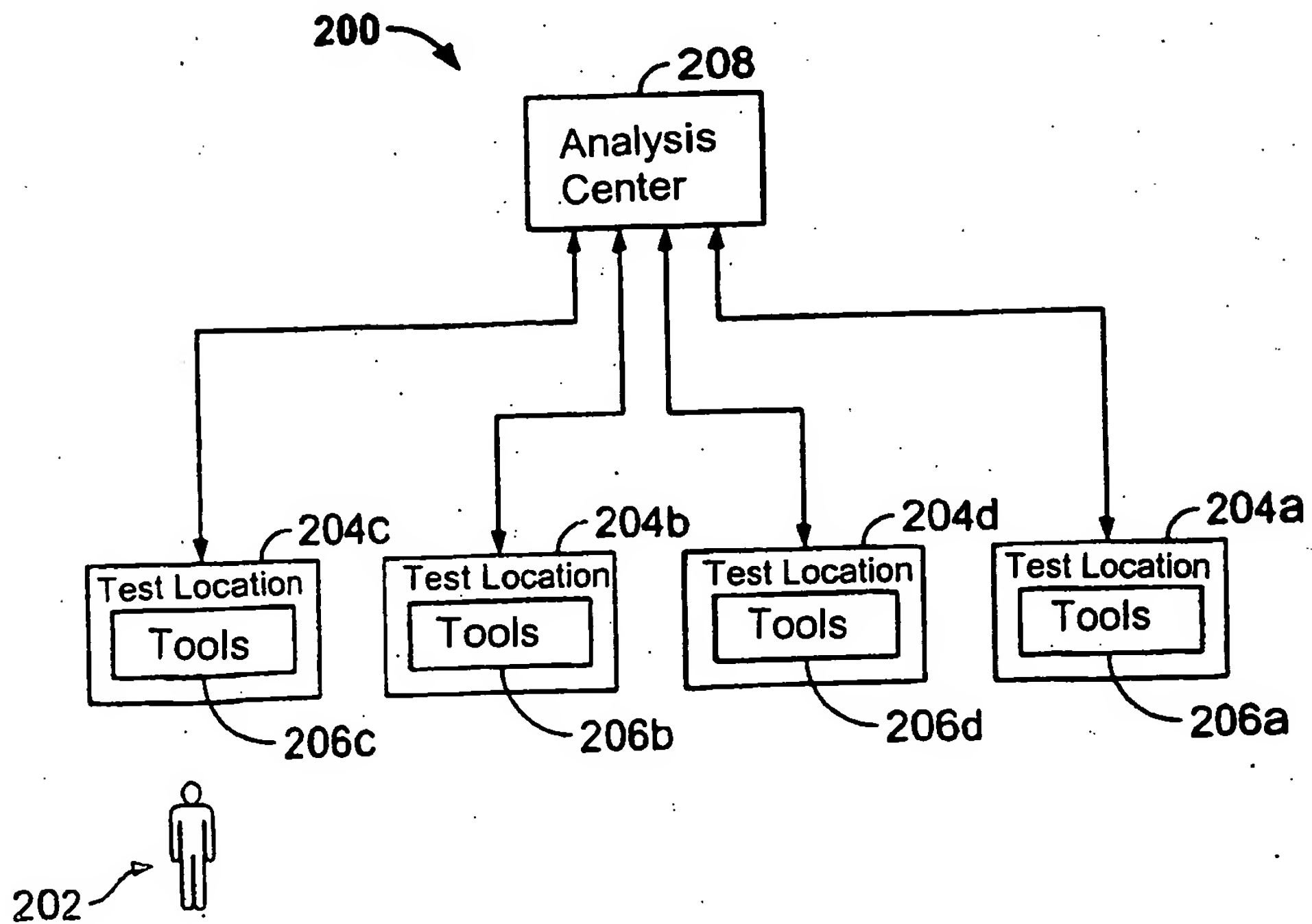
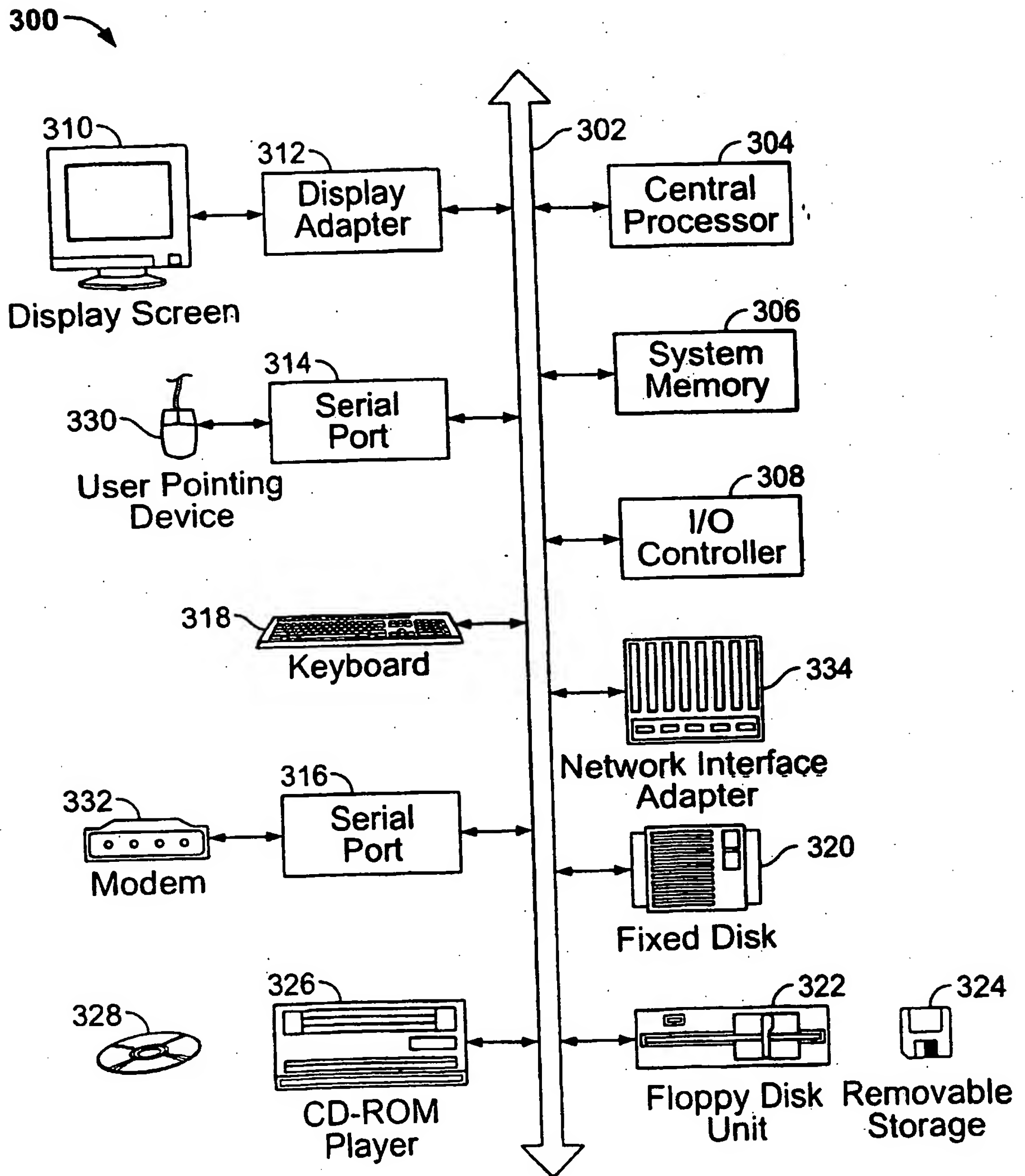
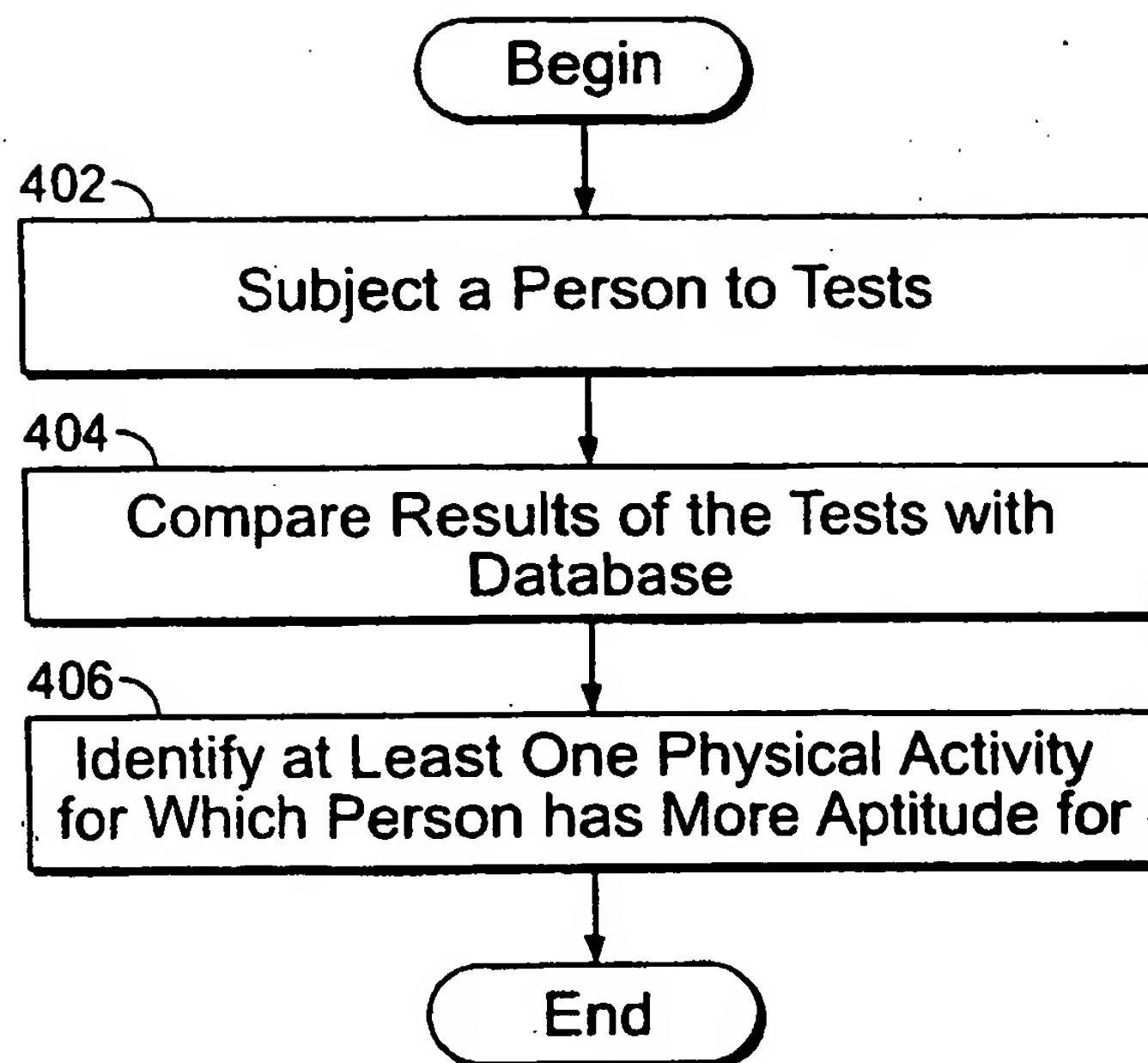


FIG. 2

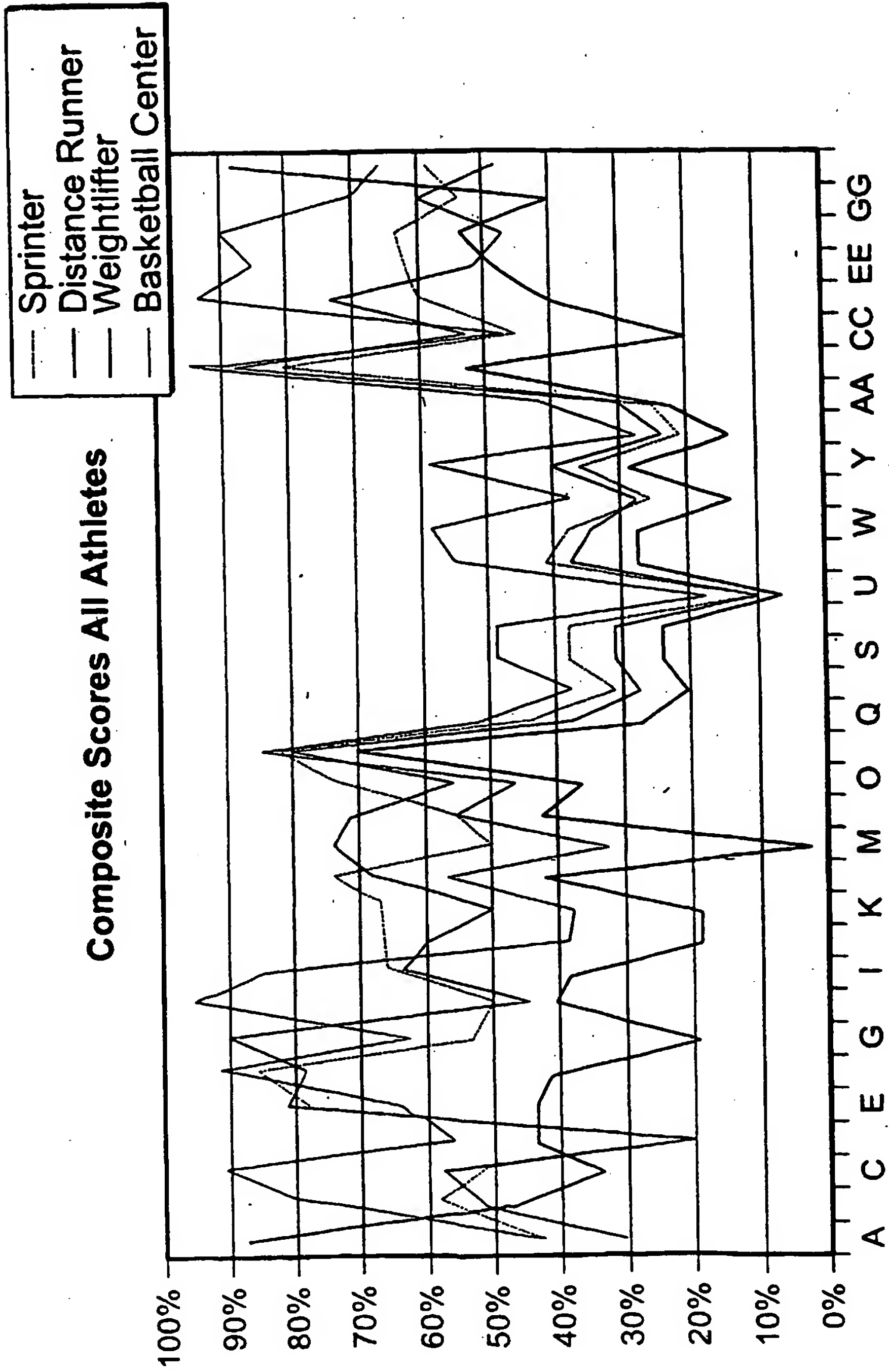




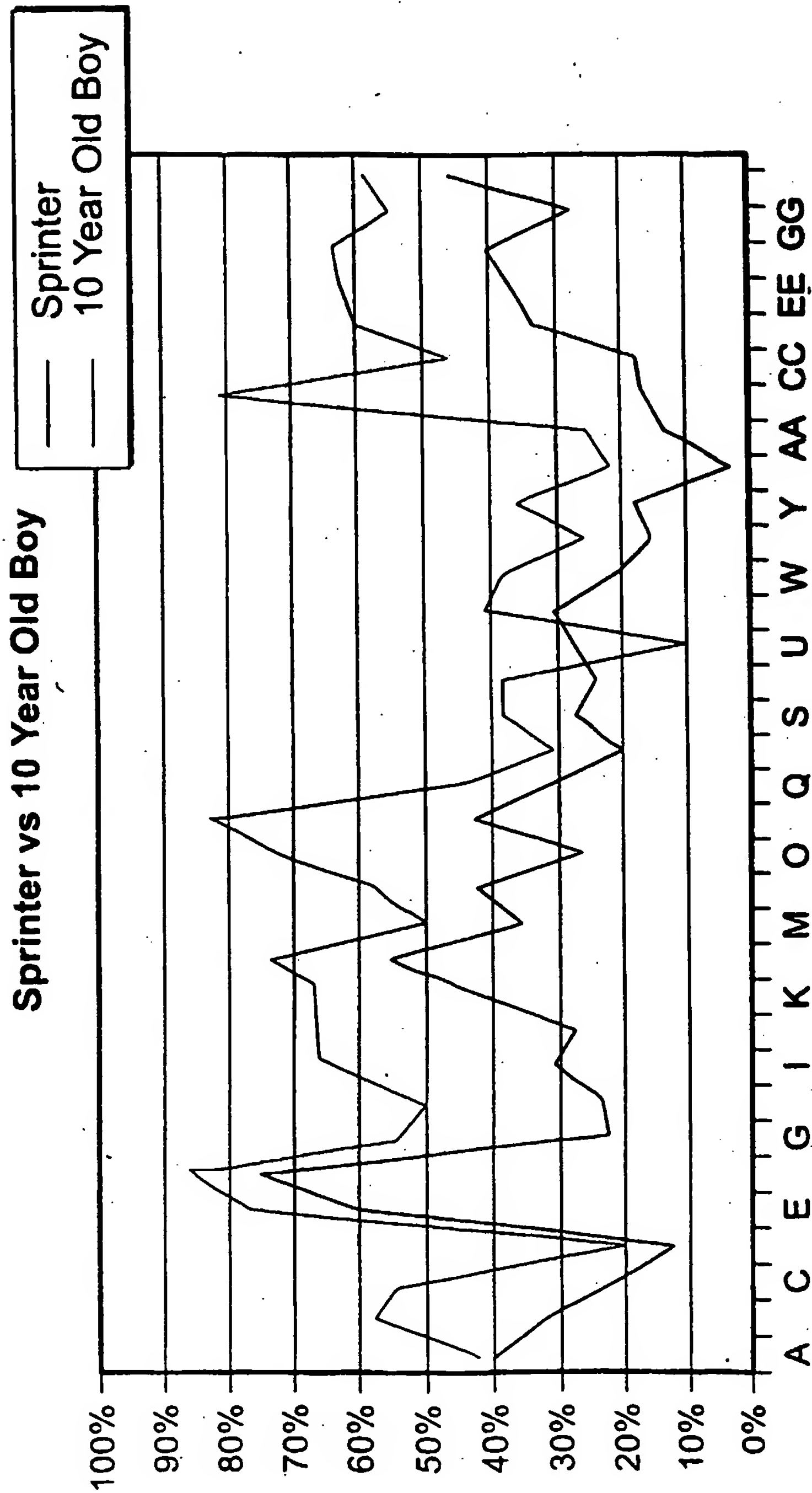
**FIG. 4**

Test	Label	Min		Max		Sprinter		Distance Runner		Weight Lifter		Basketball Center		10 Year Old Boy	
						Raw	Scaled	Raw	Scaled	Raw	Scaled	Raw	Scaled	Raw	Scaled
HR	A	20		100		65	44%	30	88%	75	31%	65	44%	68	40%
Height, to 1/4 inch	B	3.00		8.00		5.92	58%	5.33	47%	5.67	53%	7	80%	4.6686667	33%
Weight, to 1/4 lb.	C	40		300		180	54%	130	35%	190	58%	275	90%	100	23%
Concentration Test	D	0		100		20	20%	45	45%	20	20%	55	55%	13	13%
Wobble board, average	E	0		40		9	73%	18	45%	7.5	81%	14	65%	16	60%
Hand Speed/coord, to 1/4 inch	F	0		36		5	86%	15	42%	8	78%	3	92%	9	75%
Grip strength, kg	G	1		100		55	55%	20	19%	80	90%	65	65%	24	23%
Standing Height, to 1/2 inch	H	4.50		10.00		7.3	50%	6.8	41%	7.0	45%	9.8	95%	5.8	24%
Vertical jump, to 1/2 inch	I	4.50		13.00		10.08	66%	7.75	38%	9.92	64%	11.83	86%	7.17	31%
Standing long jump, to 1/2 inch	J	3.00		15.00		11.00	67%	6.25	19%	10.25	60%	7.58	38%	6.33	28%
Sit and reach, to 1/4 inch	K	4.00		20.00		14.75	67%	7.00	19%	12.00	50%	10.00	38%	11.00	44%
Foot speed/coord, to 0.01s	L	2		8		3.50	75%	5.50	42%	4.00	67%	4.50	58%	4.60	57%
Pull-Ups	M	0		40		20	50%	1	3%	30	75%	13	33%	14	35%
Abdominal strength, stages completed	N	0		7		4	57%	3	43%	5	71%	4	57%	3	43%
25 Meter Sprint, to 0.1s	O	2		5		2.8	73%	3.9	37%	3.3	57%	3.6	47%	4.2	27%
One Turn Agility Run, seconds	P	2		5		2.5	83%	2.9	70%	2.6	80%	2.4	87%	3.7	43%
Skinfolds, in mm, avg															
triceps	Q	1		30		14	45%	8	28%	12	38%	16	52%	10	31%
subscapular	R	1		30		10	31%	7	21%	8	28%	12	38%	7	21%
suprailium	S	1		30		12	38%	8	24%	10	31%	15	48%	9	28%
caif	T	1		30		12	38%	8	24%	10	31%	15	48%	8	24%
Body composition, in mm, avg															
chest	U	1		30		4	10%	3	7%	4	10%	6	17%	9	28%
abdomen	V	1		30		13	41%	9	28%	12	38%	17	55%	10	31%
thigh	W	1		30		12	38%	8	28%	11	34%	18	59%	7	21%
Bone Diameters, in cm, avg															
humorous breath	X	4		15		6.8	25%	5.4	13%	7.0	27%	8.1	37%	5.7	15%
knee breath	Y	6		20		11.0	36%	10.0	29%	11.5	39%	14.2	59%	8.5	18%
biacromial breath	Z	30		100		45.0	21%	40.0	14%	46.5	24%	48.0	27%	32.0	3%
hip breath	AA	20		80		35.0	25%	33.0	22%	38.0	30%	45.0	42%	28.0	13%
Muscle Girth, in cm, avg															
flexed biceps	BB	14		50		43	81%	33	53%	46	89%	48	94%	20	17%
caif	CC	20		60		38	45%	28	20%	41	53%	39	48%	27	18%
Limb Lengths, in cm, avg															
hand length	DD	10		25		19	60%	16	40%	21	73%	24	93%	15	33%
arm span	EE	30		86		71	62%	62	48%	64	52%	86	85%	54	36%
leg length	FF	18		48		37	63%	34	53%	32	47%	45	90%	30	40%
seated height	GG	18		48		34	53%	30	40%	36	60%	39	70%	26	27%
Cardiovascular Endurance, level+shuttle	HH	0		150		87	58%	133	89%	72	48%	98	65%	67	45%
6" level + shuttles															

FIG. 5



**FIG. 6**



**FIG. 7**